

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

**United States Patent Application**  
**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **STRUCTURAL REGULARITY EXTRACTION AND FLOORPLANNING IN DATAPATH CIRCUITS USING VECTORS.**

The specification of which was filed on November 5, 1999 as application serial no. 09/435,112.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. §1.63(e).

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**Application Number**  
**09/187,543**

**Filing Date**  
**November 6, 1998**

**Status**

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Adams, Gregory J.	Reg. No. 44,494	Huebsch, Joseph C.	Reg. No. 42,673	Nelson, Albin J.	Reg. No. 28,650
Anglin, J. Michael	Reg. No. 24,916	Jurkovich, Patti J.	Reg. No. 44,813	Nielsen, Walter W.	Reg. No. 25,539
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Please direct all correspondence in this case to **Schwegman, Lundberg, Woessner & Kluth, P.A.** at the address indicated below:  
**P.O. Box 2938, Minneapolis, MN 55402**  
**Telephone No. (612)373-6900**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1: **Sudhakar Kale**

Citizenship: **India**

Residence: **San Jose, CA**

Post Office Address: **1560 Ambergrove Drive  
San Jose, CA 95131**

Signature: \_\_\_\_\_

Sudhakar Kale

Date: **1/28/00**

Full Name of joint inventor number 2: **Amit Chowdhary**

Citizenship: **India**

Residence: **Sunnyvale, CA**

Post Office Address: **1256 Vicente Drive #8  
Sunnyvale, CA 94086**

Signature: \_\_\_\_\_

Amit Chowdhary

Date: \_\_\_\_\_

☒ Additional inventors are being named on separately numbered sheets, attached hereto.

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Full Name of joint inventor number 3 : **Phani Saripella**

Citizenship: **India**

Residence: **Santa Clara, CA**

Post Office Address: **2066 Kimberlin Place  
Santa Clara, CA 95051**

Signature: \_\_\_\_\_

**Phani Saripella**

Date: \_\_\_\_\_

Full Name of joint inventor number 4 : **Naresh K. Sehgal**

Citizenship: **United States of America**

Residence: **Santa Clara, CA**

Post Office Address: **3240 Cabrillo Avenue  
Santa Clara, CA 95051**

Signature: \_\_\_\_\_

**Naresh K. Sehgal**

Date: \_\_\_\_\_

Full Name of joint inventor number 5 : **Rajesh Gupta**

Citizenship: **United States of America**

Residence: **Santa Clara, CA**

Post Office Address: **3600 Juliette Lane  
Santa Clara, CA 95052**

Signature: \_\_\_\_\_

**Rajesh Gupta**

Date: \_\_\_\_\_

Full Name of inventor:

Citizenship:

Residence:

Post Office Address:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office, or
  - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

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Post Office Address: **1560 Ambergrove Drive**  
**San Jose, CA 95131**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Sudhakar Kale

Full Name of joint inventor number 2: **Amit Chowdhary**  
Citizenship: **India** Residence: **Sunnyvale, CA**  
Post Office Address: **1256 Vicente Drive #8 1202 MUSCAT CT, A.C.**  
**Sunnyvale, CA 94086 94087**

Signature: Amit Chowdhary Date: 12/20/99  
Amit Chowdhary

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Signature: \_\_\_\_\_

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Citizenship: **United States of America**

Residence: **Santa Clara, CA**

Post Office Address: **3600 Juliette Lane  
Santa Clara, CA 95052**

Signature: \_\_\_\_\_

**Rajesh Gupta**

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Signature: \_\_\_\_\_  
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Date: \_\_\_\_\_

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Residence: **Sunnyvale, CA**

Signature: \_\_\_\_\_  
**Amit Chowdhary**

Date: \_\_\_\_\_

☒ Additional inventors are being named on separately numbered sheets, attached hereto.

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Full Name of joint inventor number 3 : **Phani Saripella**

Citizenship: **India**

Residence: **Santa Clara, CA**

Post Office Address: **2066 Kimberlin Place  
Santa Clara, CA 95051**

Signature: \_\_\_\_\_

Phani Saripella

Date: \_\_\_\_\_

01/04/2000

Full Name of joint inventor number 4 : **Naresh K. Schgal**

Citizenship: **United States of America**

Residence: **Santa Clara, CA**

Post Office Address: **3240 Cabrillo Avenue  
Santa Clara, CA 95051**

Signature: \_\_\_\_\_

Naresh K. Schgal

Date: \_\_\_\_\_

Full Name of joint inventor number 5 : **Rajesh Gupta**

Citizenship: **United States of America**

Residence: **Santa Clara, CA**

Post Office Address: **3600 Juliette Lane  
Santa Clara, CA 95052**

Signature: \_\_\_\_\_

Rajesh Gupta

Date: \_\_\_\_\_

Full Name of inventor:

Citizenship:

Residence:

Post Office Address:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

# United States Patent Application

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **STRUCTURAL REGULARITY EXTRACTION AND FLOORPLANNING IN DATAPATH CIRCUITS USING VECTORS.**

The specification of which was filed on November 5, 1999 as application serial no. 09/435,112.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. §1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

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I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

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**Application Number**  
**09/187,543**

**Filing Date**  
**November 6, 1998**

**Status**

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Adams, Gregory J.	Reg. No. 44,494	Huebsch, Joseph C.	Reg. No. 42,673	Nelson, Albin J.	Reg. No. 28,650
Anglin, J. Michael	Reg. No. 24,916	Jurkovich, Patti J.	Reg. No. 44,813	Nielsen, Walter W.	Reg. No. 25,539
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Full Name of joint inventor number 1: **Sudhakar Kale**  
Citizenship: **India** Residence: **San Jose, CA**  
Post Office Address: **1560 Ambergrove Drive**  
**San Jose, CA 95131**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Sudhakar Kale

Full Name of joint inventor number 2: **Amit Chowdhary**  
Citizenship: **India** Residence: **Sunnyvale, CA**  
Post Office Address: **1256 Vicente Drive #8**  
**Sunnyvale, CA 94086**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Amit Chowdhary

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Full Name of joint inventor number 3: **Phani Saripella**  
Citizenship: **India**  
Post Office Address: **2066 Kimberlin Place  
Santa Clara, CA 95051**

Residence: **Santa Clara, CA**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Phani Saripella

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Citizenship: **United States of America**  
Post Office Address: **3240 Cabrillo Avenue  
Santa Clara, CA 95051**

Residence: **Santa Clara, CA**

Signature: \_\_\_\_\_ Date: Jan 3 '00  
Naresh K. Sehgal

Full Name of joint inventor number 5: **Rajesh Gupta**  
Citizenship: **United States of America**  
Post Office Address: **3600 Juliette Lane  
Santa Clara, CA 95052**

Residence: **Santa Clara, CA**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Rajesh Gupta

Full Name of inventor:  
Citizenship:  
Post Office Address:

Residence:

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**United States Patent Application**  
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**Filing Date**  
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Post Office Address: **1560 Ambergrove Drive  
San Jose, CA 95131**

Signature: \_\_\_\_\_  
**Sudhakar Kale**

Date: \_\_\_\_\_

Full Name of joint inventor number 2 : **Amit Chowdhary**

Citizenship: **India**

Residence: **Sunnyvale, CA**

Post Office Address: **1256 Vicente Drive #8  
Sunnyvale, CA 94086**

Signature: \_\_\_\_\_  
**Amit Chowdhary**

Date: \_\_\_\_\_

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Attorney Number No. RA4 1421751  
Serial No. 09/435.111  
Filing Date: November 5, 1999

Page 3 of 4

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Citizenship: India

Residence: Santa Clara, CA

Post Office Address: 2066 Kimberlin Place  
Santa Clara, CA 95051

Signature: \_\_\_\_\_

Phani Saripella

Date: \_\_\_\_\_

Full Name of joint inventor number 4: Nareesh K. Sehgal

Citizenship: United States of America

Residence: Santa Clara, CA

Post Office Address: 3240 Cabrillo Avenue  
Santa Clara, CA 95051

Signature: \_\_\_\_\_

Nareesh K. Sehgal

Date: \_\_\_\_\_

Full Name of joint inventor number 5: Rajesh Gupta

Citizenship: United States of America

Residence: Santa Clara, CA

Post Office Address: 53 Harvey Court  
Irvine, CA 92612

Signature: \_\_\_\_\_

Rajesh Gupta

Date: \_\_\_\_\_

Full Name of inventor

Citizenship:

Residence:

Post Office Address:

Signature: \_\_\_\_\_

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